



EXPERIENCE

STEAM

[advanced technological education]

AUG 10-14, 2022 | MALL OF AMERICA

5-DAY STEAM EVENT AT MALL OF AMERICA

EXPERIENCE STEAM is a 5-day event set to spark interest and excitement in STEAM (science, technology, engineering, arts, math) with mall guests! Activities will include a STEAM Carnival, student robotics competitions, and **FREE** pre-registered camps and workshops. Providing the STEAM experience is just the beginning. The next step is to follow the pathway to post-secondary education and a career in the STEAM field. We are here to guide the way!

**AGRICULTURE | AUTONOMY & TRANSPORTATION | BIOTECHNOLOGY &
CHEMISTRY | ENGINEERING | GENERAL EDUCATION | INFORMATION &
CYBERSECURITY | MANUFACTURING**





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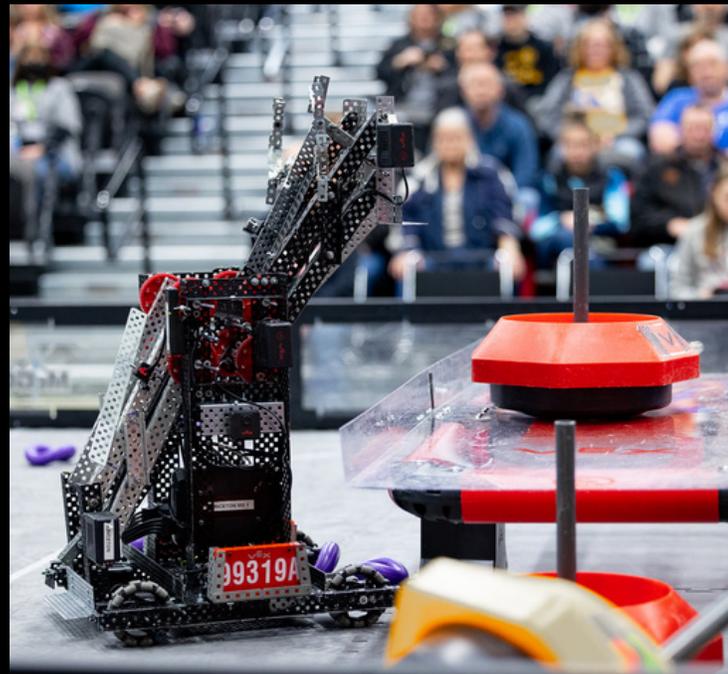
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STEAM CARNIVAL

Experience high-tech in action! Test your technician skills by building a drone through an Oculus Quest II virtual reality headset provided by St. Cloud State University Visualization Lab. Put yourself in the drivers seat of a combine with AgCentric. Assemble an RC model aircraft with FliteTest. Operate a FANUC robot with LAB Midwest. Dive below water to maneuver a remotely operated vehicle around coral reef with MATE II. These activities are just a sneak peek into the possibility working in a highly skilled technician field.

VEX ROBOTICS SIGNATURE EVENT

Join in on the action by competing or spectating a heart-pounding robotic competition in Mall of America's Northeast Atrium! Powered by the National Center for Autonomous Technologies (NCAT), this signature VEX Robotics event gives teams the opportunity to play at a tournament that is one of the highest caliber. Attracting teams from around the nation, this signature event is an opportunity for teams to experience an event above and beyond a standard tournament!



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MOBILE LEARNING LABS & EQUIPMENT DEMOS

Climb on inside one of MnDOT's snowplows, get an up-close look at a Snooper used for bridge inspections, and stop by the various mobile learning lab trailers including Big Ideas Semi-Trailer, which will give attendees the opportunity to test their skills through augmented reality. You may even get the chance to witness autonomous vehicles in action!

DRONE CAGE

Launch a drone into the air and fly through the RAD course with the National Center for Autonomous Technologies (NCAT). Being a UAV (unmanned aerial vehicle) Operator requires strong concentration skills and the ability to make quick decisions in emergency situations. If that sounds like you - stop by and put your skills to the test. A UAV career may be the path for you!

#experienceSTEAM



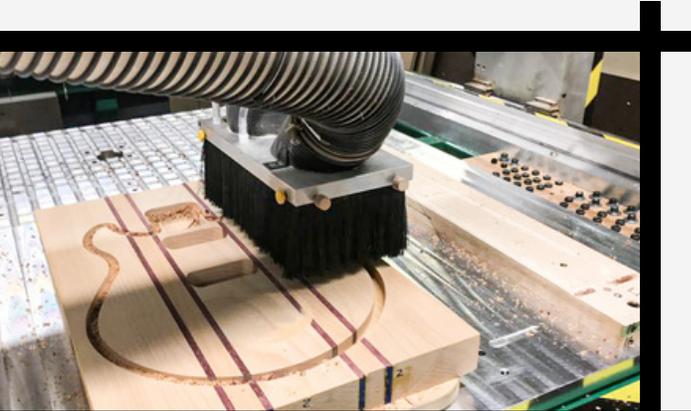
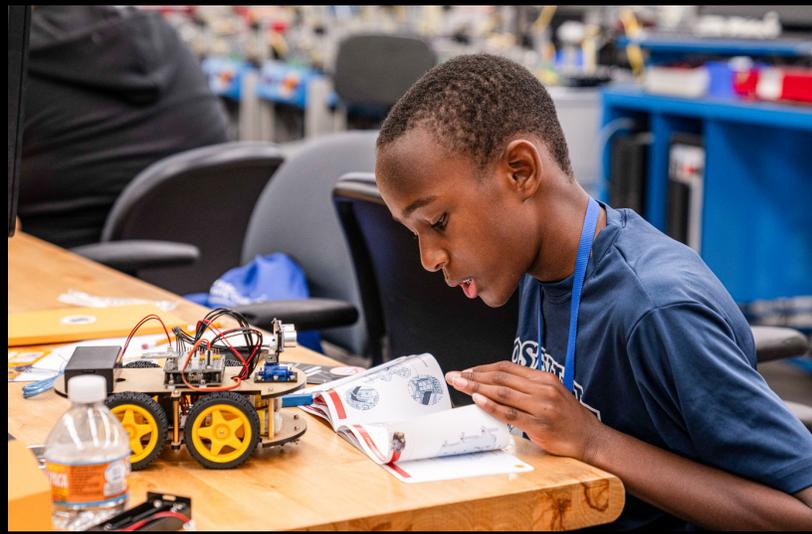
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STEAM Camps

Interested in gaining more knowledge and experience in a technology field? Check out the FREE student camps that will be taking place throughout the week of EXPERIENCE STEAM. To check out a list of camps taking place, visit ncatech.org/steam-activities. More camps will be added weekly. **Registration opens June 15, 2022.**



Professional Development

Check out the vast range of professional development opportunities happening on site at ncatech.org/steam-activities. Everything from introductory level workshops all the way up to Advanced Skills Training will not only be available, but **COST-FREE!** Topics range from Autonomous Technology to Geospatial Technology to Guitar Building! **Registration opens June 15, 2022.**

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Learn more: ncatech.org/experience-steam